

For Research Use Only

SLC25A1 Recombinant antibody

Catalog Number: 84696-1-RR

Featured Product



Basic Information

Catalog Number:

84696-1-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC004980

GeneID (NCBI):

6576

UNIPROT ID:

P53007

Full Name:

solute carrier family 25
(mitochondrial carrier; citrate
transporter), member 1

Calculated MW:

34 kDa

Observed MW:

30 kDa

Purification Method:

Protein A purification

CloneNo.:

241931G11

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, HepG2 cells, HEK-293 cells, NCI-H1299 cells

Background Information

SLC25A1, also known as CIC or CTP, is a mitochondrial citrate transporter that exports citrate from the mitochondria to the cytosol. SLC25A1 is highly expressed in several tumor types. Recently it has been identified as a novel transcriptional target of mutant p53 and a negative tumor prognostic marker. In addition, defects in SLC25A1 have been found as a cause of combined D-2- and L-2-hydroxyglutaric aciduria. (PMID: 24681808, 23561848)

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

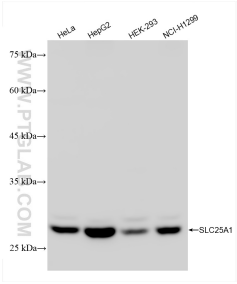
T: 4006900926

E: Proteintech-CN@ptglab.com

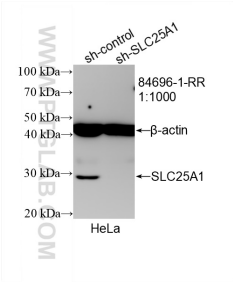
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84696-1-RR (SLC25A1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



WB result of SLC25A1 antibody (84696-1-RR; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SLC25A1 transfected HeLa cells.